

Alisol C monoacetate Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Alisol C monoacetate

Catalog No.: CFN90199

Cas No.: 26575-93-9

Purity: >=98%

M.F: C₃₂H₄₈O₆

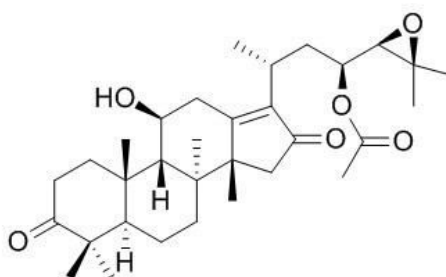
M.W: 528.73

Physical Description: White powder

Synonyms: (8 α ,9 β ,14 β ,23S,24R)-11 β -Hydroxy-23-acetoxy-24,25-epoxy-5-dammar-

13(17)-ene-3,16-dione; Alisol C 23-acetate; 23-O-Acetylalisol C; Alisol C 23-monoacetate;

23-Acetyl alisol C.



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

[Source]

The tubers of *Alisma plantago-aquatica* Linn.

[Biological Activity or Inhibitors]

Alisol C 23-acetate has antibacterial activity. ^[1]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]^[2]

HPLC-DAD-ELSD:

Mobile phase: Acetonitrile- H₂O=65:35;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The optimum detection wavelength of DAD : 245 nm;

Drift tube temperature: 60 °C;

Atomizer temperature: 55 °C;

Carrier gas: N₂;

Pressure of gas:20 psi.

[Storage]

2-8°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Jin H G, Jin Q, Kim A R, *et al. Arch. Pharm. Res.*, 2012, 35(11):1919-26.

[2] Qiu J F, Lin J, Xu W, *et al. China Journal of Experimental Traditional Medical Formulae*, 2014(2):42-6.

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